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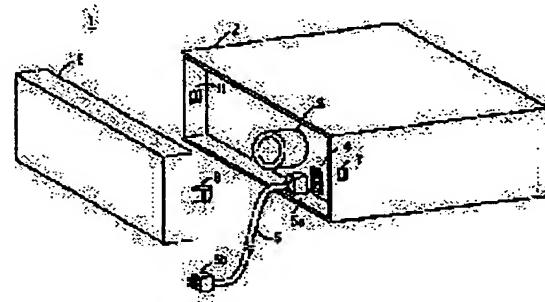
(21)Application number : 2001-149178 (71)Applicant : FUJITSU GENERAL LTD  
 (22)Date of filing : 18.05.2001 (72)Inventor : ONO SEIJI

## (54) LENS PROTECTION DEVICE FOR PROJECTOR

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a lens protection device for a projector, which is a cover to protect the projection lens, allows no power to be supplied to a light source lamp when it is mounted.

**SOLUTION:** In the projector 1 where power is supplied from a power cable 5 connected to a power inlet 4 provided on a case 2, a light source lamp, a power supply section, an optical component and a display device or the like are disposed in the case to form an optical path. A video image or the like is projected on the screen through a projection lens 3 provided at the front part of the case. The power inlet 4 is disposed near the projection lens 3 located at the front part of the case. The cover 6 is provided to protect the projection lens 3 by which the front side of the projection lens 3 and the power inlet 4 is opened in an operating state of the projector 1 when the power cable 5 is connected to the power inlet 4. The front part of the projection lens 3 and the power inlet 4 is closed when not in use with the power cable 5 disconnected from the power inlet 4.



## LEGAL STATUS

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発明の請求 条款請求書 本願の請求は 16 OL (合 9 頁)

(11)出願人 特願2001-149178(P2001-149178)

(71)出願人 0000068111

株式会社セイゼンテクノロジ

神奈川県川崎市高津区北長狭1116番地

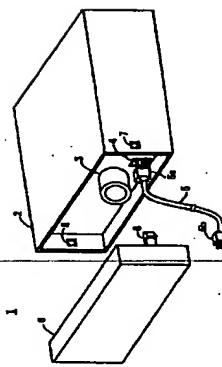
(72)発明者 小林 伸哉

川崎市高津区北長狭1116番地 株式会社セイゼンテクノロジ

セイゼンテクノロジ内

Fチーム(参考) 603B R35 E42 E12 E65

(46)【図面】 プロジェクタの投射レンズ保護装置



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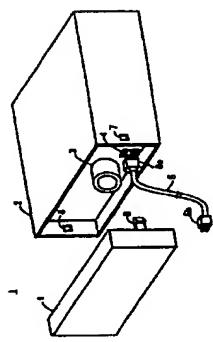




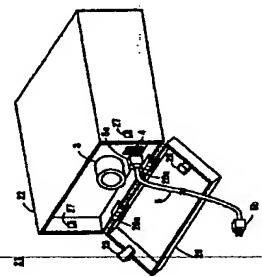
(8)

13  
2, 22, 32, 42, 52, 62, 72, 82 固体  
3 投射レンズ  
4 密着インレット  
4a 引込み口  
5 密着ケーブル  
5a ソケット  
5b プラグ  
6, 26, 36, 46, 56, 66, 76, 86 カバ  
7, 27 係合部  
8, 28 係止爪  
11 光遮用ランプ  
12 密着部  
13 側面部  
\* 14 防砂状態検出部  
26a 回部  
36a, 46, 56a 滑部  
36b 把手部  
42a, 52a カバー収納部  
42b コードリール  
57 係合部  
58 係止部  
69 ブッシュスイッチ  
10 69a, 79a, 89a バネ部材  
69c 先端部  
79d リンク棒  
89c 延出部  
\*

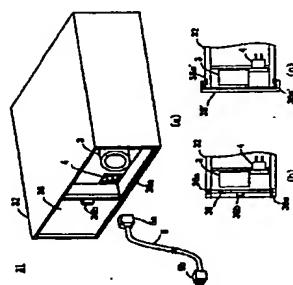
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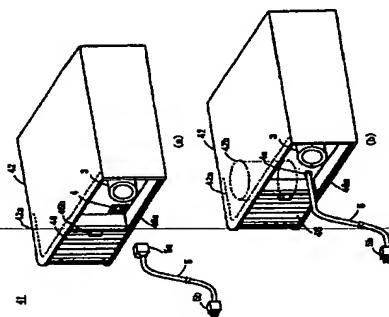
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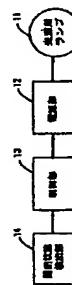
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[図4]

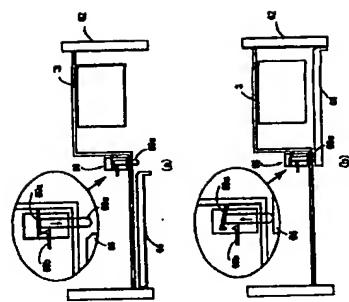


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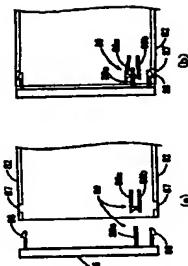


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[図7]



[図8]



[図9]

